Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

FO connecting cable - FOC-PN-B-1000/M12-C/M12-C/5 - 1416680

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Assembled FO cable, round cable, 980/1000 μm POF fiber, M12 FO to M12 FO, for installation inside buildings, length: 5 m

POF cable, assembled with M12 connectors to M12

Product Description

POF cable, assembled with M12 connectors to M12

Product Features

- 2.2 mm individual wires made from extremely hard-wearing polyamide (PA)
- Assembled patch cable with test report
- M12-OPTIC with recessed ferrules to protect against damage
- optimized polishing for even better attenuation values
- Rugged polyurethane (PUR) outer sheath
- Highly tear-resistant aramid strain relief elements
- Pin connector pattern in accordance with DIN/IEC 61754-27
- Included in PROFINET planning guideline (v1.14)
- Robust connector, IP65/IP67
- Can be used in 10/100/1000 Mbps Ethernet systems
- Halogen-free, ozone, and UV resistant

Ethernet

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	380.0 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Mechanical characteristics

FO connecting cable - FOC-PN-B-1000/M12-C/M12-C/5 - 1416680

Technical data

Mechanical characteristics

Number of positions	2
Fiber type	POF
Fiber	Polymer fiber, 980/1000 µm
Ferrule diameter	2.50 mm
Connection method	M12 circular connector
Length of cable	5 m

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Degree of protection	IP65
	IP67

Material data

Flammability rating according to UL 94	V0
Outer sheath, material	PUR
External sheath, color	green
Ferrule material	Copper alloy

Standards and Regulations

Impact strength	2 Nm / 10 x
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27061803
eCl@ss 6.0	27061090
eCl@ss 7.0	27061090
eCl@ss 8.0	27061003

ETIM

ETIM 3.0	EC000034
ETIM 4.0	EC000034
ETIM 5.0	EC001263

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FO connecting cable - FOC-PN-B-1000/M12-C/M12-C/5 - 1416680

Classifications

UNSPSC

UNSPSC 6.01	30211832
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	39121429

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

EAC

EAC

Drawings

Dimensional drawing